AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 08/861989

Filing Date: May 22, 1997

Title: COPY PROTECTION FOR DATABASE UPDATES TRANSMITTED VIA THE INTERNET

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IN THE CLAIMS

Please amend the claims as follows:

(Canceled)

25. (Currently Amended) A method for providing <u>navigation data</u> to each global positioning (GPS) units—aeronautical navigation data, said method comprising the steps of:

placing a unique software key on an electronic card;

electronically coupling the electronic card to storing a unique software key within a GPS unit;

forwarding a request from one of said GPS units for aeronautical navigation data to a software supplier, said request including payment authorization information and a key code associated with the unique software key;

encrypting the aeronautical navigation data by the supplier in response to said request using the included key code, said encrypted aeronautical navigation data including a decryption program;

transmitting to the GPS unit having the coupled card the stored unique software key, said encrypted navigation data including said decryption program which only allows software to be unloaded into a GPS unit having the unique software key;

decrypting said transmitted encrypted software code encrypted navigation data and decryption program at the one GPS unit according to the unique software key; and replacing the prior aeronautical navigation data at the one GPS unit with the decrypted aeronautical navigation data from the supplier.

- 26. (Currently Amended) The method in accordance with claim 25 wherein said step of encrypting the navigation data software code includes using cyclic redundancy coding.
- 27. (Currently Amended) The method in accordance with claim 26 wherein said step of encrypting the <u>navigation data</u> software code uses the GPS unit software key as a seed.



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- 28. (Currently Amended) The method in accordance with claim 26 wherein the encrypted <u>navigation data</u> software code transmitted by the supplier includes a footer tag that includes the GPS unit software key.
- 29. (Currently Amended) The method of claim 28 wherein said step of decrypting said transmitted <u>navigation data</u> software code comprises reading the GPS unit software key from the footer tag and comparing the software key in the footer tag with the software key of the GPS unit.
- 30. (Currently Amended) A system for updating aeronautical navigation data for a global positioning (GPS) unit for receiving updated navigation data from a system, the system GPS unit comprising:

an electronic card including a unique software key;

a GPS unit a unique software key;

a processor;

a storage device coupled to the processor and storing a GPS unit unique software

key;

an electronic card receiving device coupled to the processor;

for electrically receiving the electronic card;

a communication component coupled to the processor for connecting to a server over a network; and

a user interface coupled to the processor for requesting aeronautical navigation data from the server, the request includes payment authorization information and a key code associated with the unique software key, wherein the communication component receives aeronautical navigation data from the server that was encrypted by the server based on the request and the processor decrypts the encrypted aeronautical navigation data base on as a function of the unique software key.